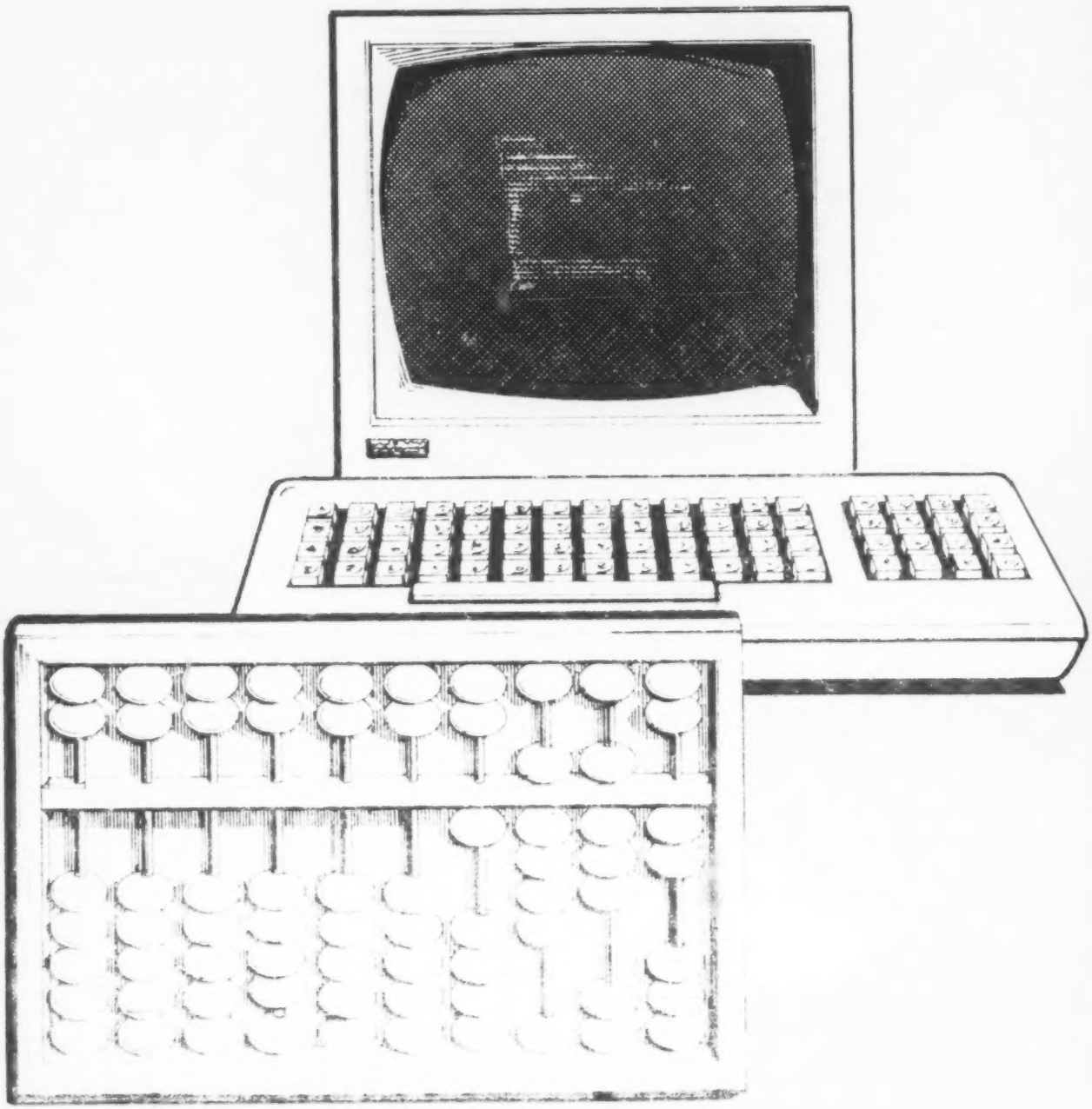
TA3800-101



CARPET & RUG **INDUSTRY REVIEW**

1990

CRI

Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as public relations, member services, governmental and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanent offices in Dalton, Georgia, and in Washington, D.C.

Highlights of 1989

- Shipments totaled $8.622 billion, an increase of 2.4 percent from 1988.
- Total square yards reached 1.345 billion, up 1.6 percent from 1988.
- Tufted's share of market was 93.1 percent on a square yard basis, and 93.6 percent based on dollars.
- Woven products held a 1.8 percent share on a square yard basis and 3.5 percent based on dollars.
- Nylon held a 74.8 percent share of the face fiber market; polypropylene ranked second with 15.9 percent; polyester 8.7 percent; and 0.6 percent for wool.
- Export sales were $383.2 million, an increase of 15.7 percent over 1988.
- The top five markets for U.S. exports were: Canada, Japan, Saudi Arabia, United Kingdom and Mexico.
- Imports reached $612.9 million, an increase of 6.3 percent from 1988.
- The top five suppliers to the U.S. were: India, Mainland China, Belgium, Pakistan and Canada.

Highlights of 1988

- Shipments totaled $8.417 billion, an increase of 6.2 percent from 1987.
- Total square yards reached 1.324 billion, up 2.1 percent from 1987.
- Tufted's share of market was 93.4 percent on a square yard basis, and 93.8 percent based on-dollars.
- Woven products held a 1.6 percent share on a square yard basis and 3.4 percent based on dollars.
- Nylon held a 73.0 percent share of the face fiber market; polypropylene ranked second with 16.1 percent; polyester 10.4 percent;and wool almost one percent.
- Export sales were $331.6 million. An increase of 53.1 percent over 1987.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, Japan, United Kingdom and United Arab Emirates.
- Imports reached $576.4, a decrease of 12.0 percent from 1987.
- The top five suppliers to the U.S. were: India, Mainland China, Belgium, Pakistan and United Kingdom.

Table of Contents

Total Industry Shipments — Square Yards	2
Total Industry Shipments — Dollar Value	3
Producer Price Index	4
Carpet and Rug Trade Balance	5
Appendix Table 1 — Total Industry Shipments — Square Yards	6
Appendix Table 2 — Total Industry Shipments — Dollar Value	6
Appendix Table 3 — Total Industry Shipments	7
Appendix Table 4 — Total Broadloom Shipments	8
Appendix Table 5 — Carpet and Rug Fiber Shipments	9
Appendix Table 6 — Housing Starts/Tufted Roll Goods and Rugs Larger Than 6' x 9'	9
Appendix Table 7 — Total Industry Shipments, Population, Total Personal Income	10
Appendix Table 8 — Broadloom Carpet Shipments, Households, Disposable Personal Income	10
Appendix Table 9 — Exports and Imports	11
Appendix Table 10 — Carpet/Total Textiles Balance of Trade	11
Appendix Table 11 — 1989 Exports of Carpet and Rugs By Type	12
Appendix Table 12 — 1989 Imports of Carpet and Rugs By Type	14

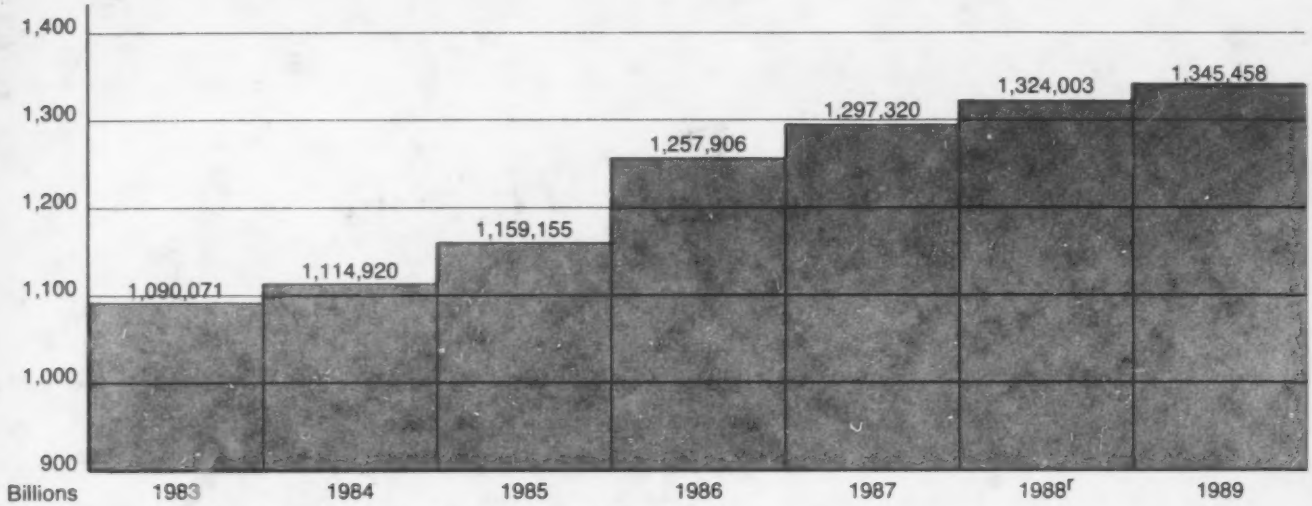
©Copyright 1990

ISBN #0-89275-015-4

Data Compiled and Published by

The Carpet and Rug Institute
P.O. Box 2048
Dalton, GA 30722
404/278-3176

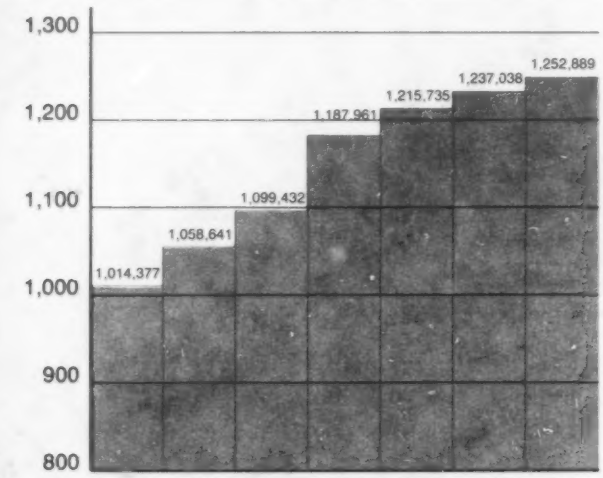
TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



Billions Sq. Yds. 1983 1984 1985 1986 1987 1988[r] 1989

Includes all tufted, woven and all other carpet and rugs.

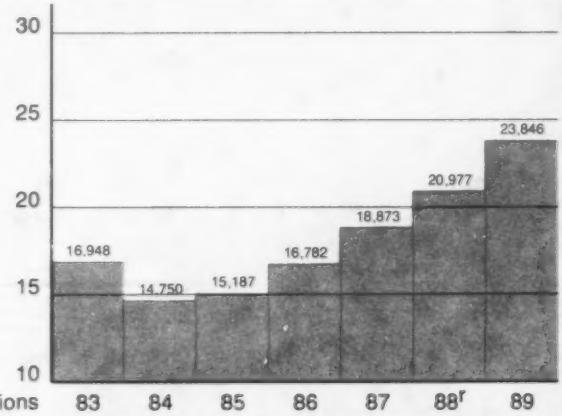
TUFTED SHIPMENTS — SQUARE YARDS



Millions Sq. Yds. 83 84 85 86 87 88[r] 89

Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

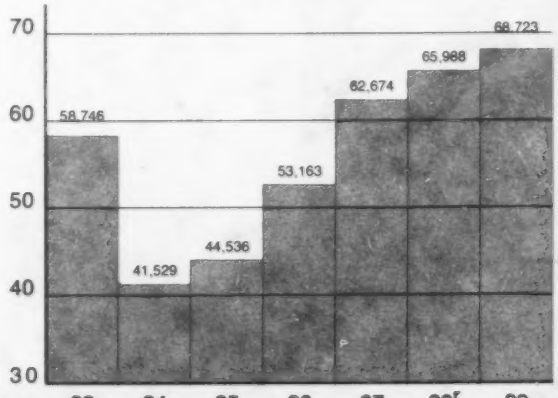
WOVEN SHIPMENTS — SQUARE YARDS



Millions Sq. Yds. 83 84 85 86 87 88[r] 89

Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER SHIPMENTS — SQUARE YARDS



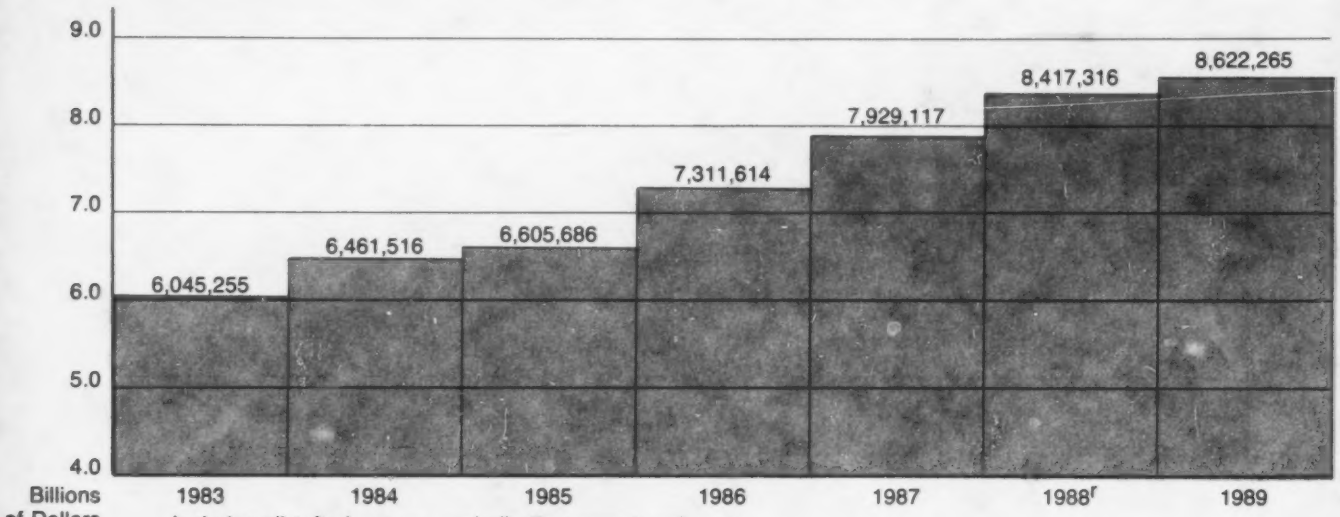
Millions Sq. Yds. 83 84 85 86 87 88[r] 89

Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 6, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.

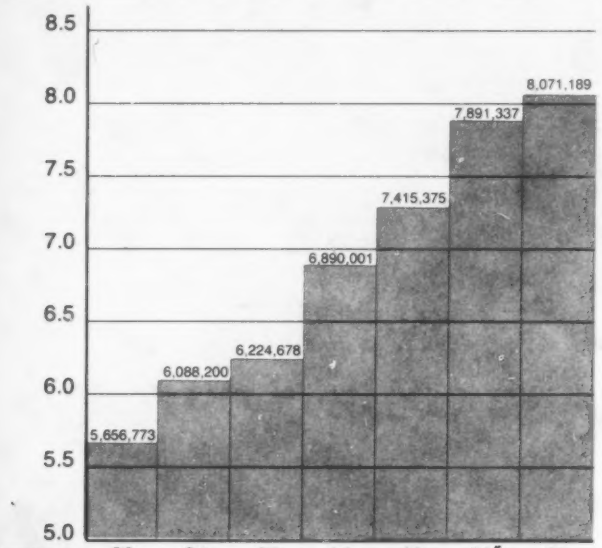
TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



Billions of Dollars

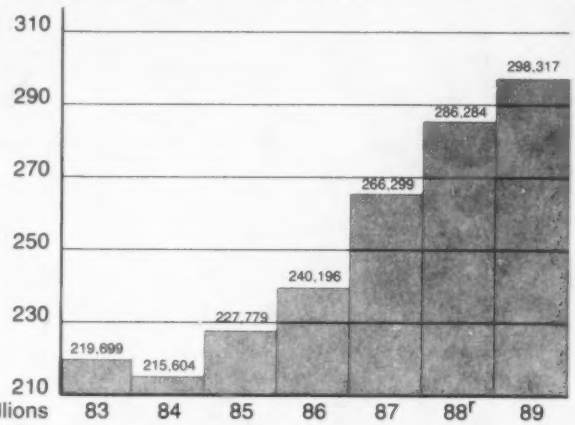
Includes all tufted, woven, and all other carpet and rugs.

TUFTED SHIPMENTS — DOLLAR VALUE



Billions of Dollars

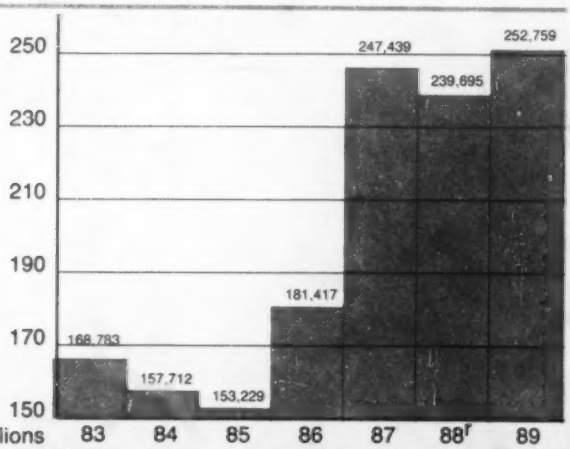
WOVEN SHIPMENTS — DOLLAR VALUE



Millions Dollars

Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER SHIPMENTS — DOLLAR VALUE



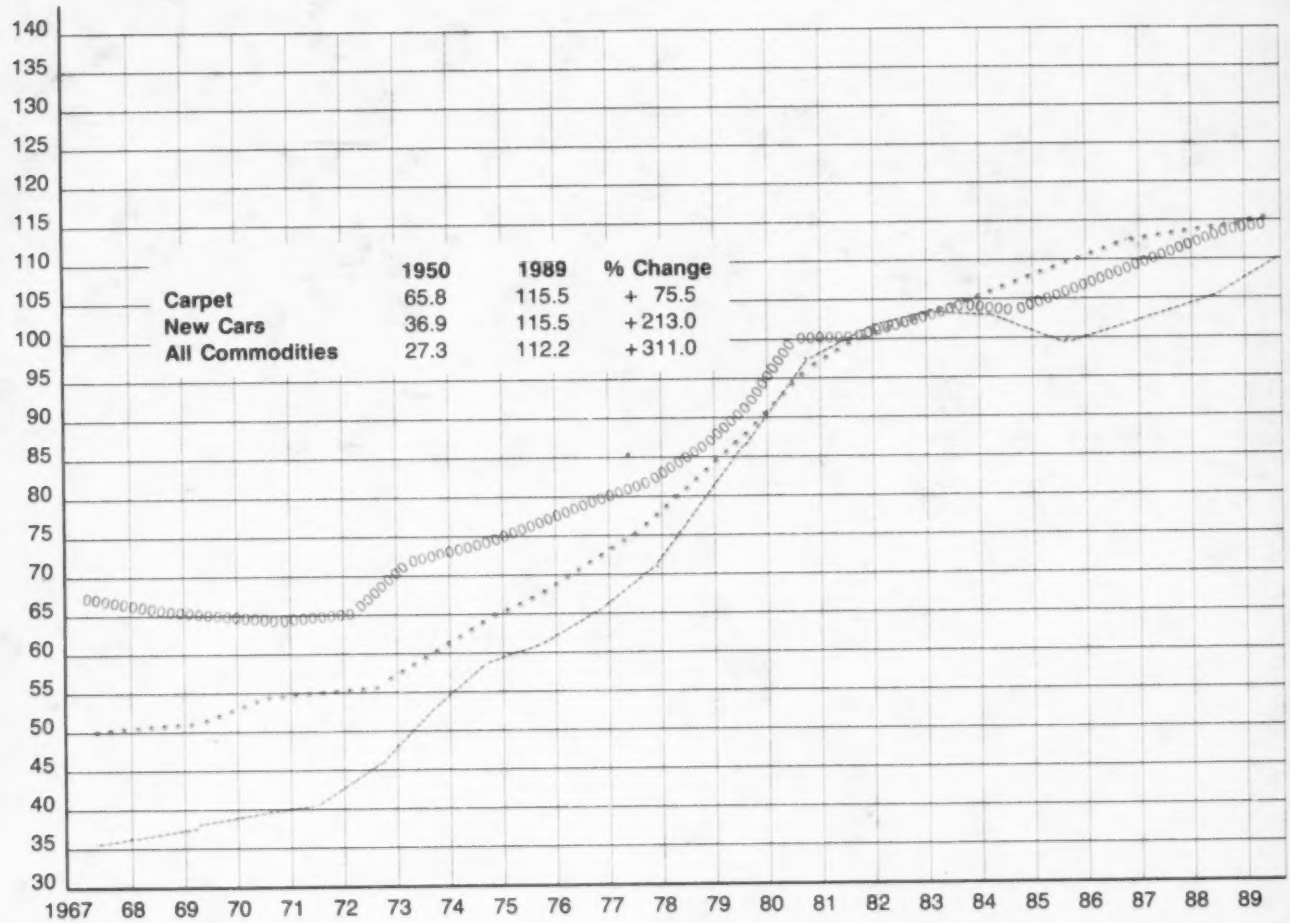
Millions of Dollars

Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

Refer to Appendix Table 2, page 6, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.

PRODUCER PRICE INDEX (1982 = 100%)

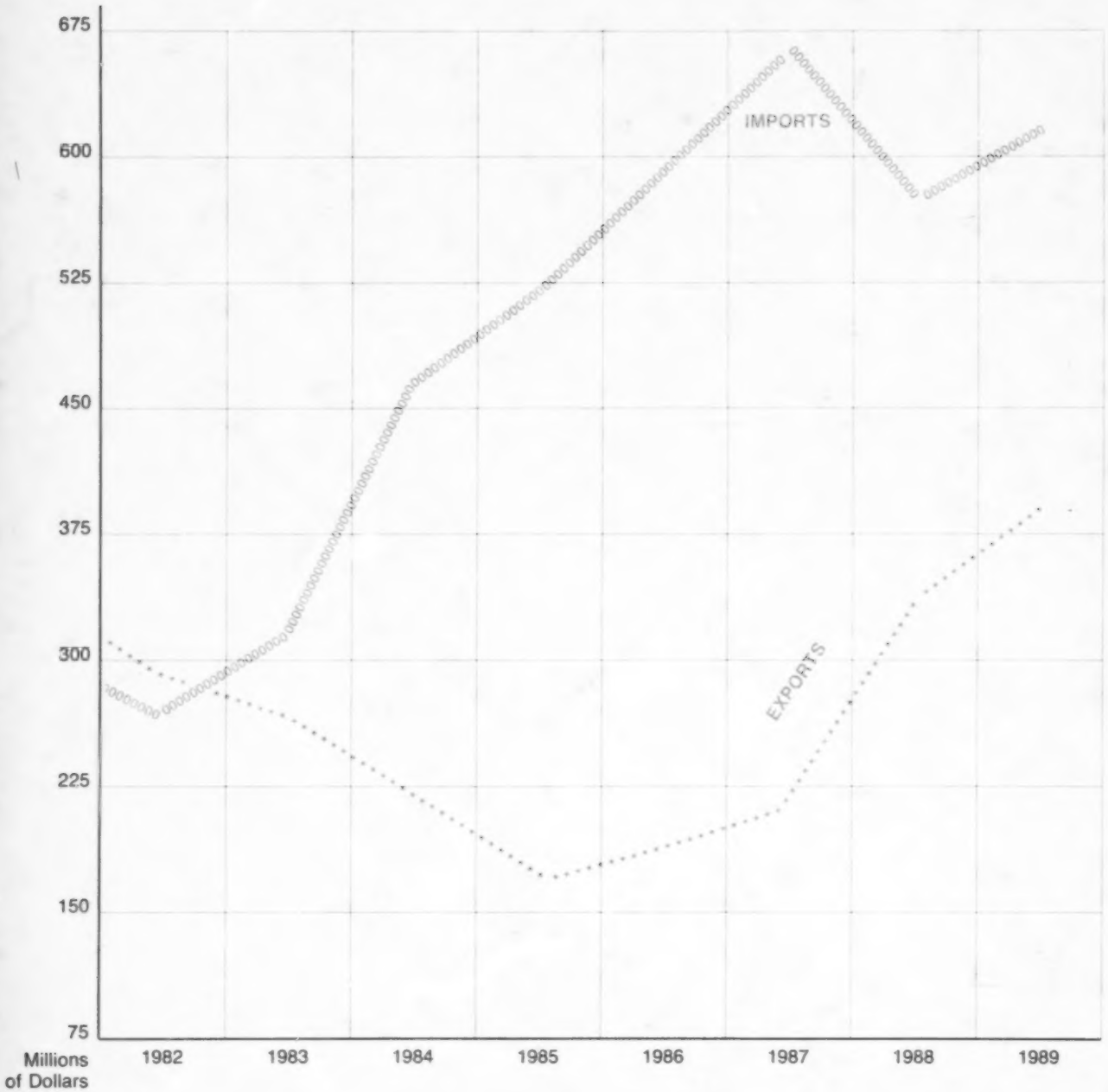


Source: Bureau of Labor Statistics

All Commodities

New Cars

Carpet



Source: U.S. Department of Commerce, Bureau of the Census, IM 145 and 146, for Imports
U.S. Department of Commerce, Bureau of the Census, EM 522 and 526, for Exports

APPENDIX TABLE 1 — TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)

	1983	1984	1985	1986	1987	1988[r]	1989
TUFTED	1,014,377	1,058,641	1,099,432	1,187,961	1,215,735	1,237,038	1,252,889
Rugs smaller than 6' x 9'	72,869	72,454	62,598	64,363	65,044	55,707	51,538
Rugs & roll goods larger than 6' x 9'	874,225	899,296	929,033	1,020,458	1,062,495	1,092,453	1,111,594
Artificial Grass for non-athletic surfaces	21,112	20,430	24,456	22,815	21,061	19,943	17,774
Automotive & aircraft	46,171	66,461	83,345	80,325	67,175	68,935	71,983
WOVEN	16,948	14,750	15,187	16,782	18,873	20,977	23,846
ALL OTHER	58,746	41,529	44,536	53,163	62,674	65,988	68,723
Knitted	6,277	6,201	6,147	3,620	1,701	(D)	(D)
Needlepunch	45,639	27,481	30,869	43,185	50,537	54,311	57,040
Braided, Hooked and Other N. E. C.	6,830	7,847	7,520	6,358	10,436	10,681	10,656
TOTAL INDUSTRY	1,090,071	1,114,920	1,159,155	1,257,906	1,297,320	1,324,003	1,345,458

Figures may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.
r-Revised
D-Not published for reasons of Disclosure.

APPENDIX TABLE 2 — TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)

	1983	1984	1985	1986	1987	1988[r]	1989
TUFTED	5,656,773	6,088,200	6,224,678	6,890,001	7,415,375	7,891,337	8,071,189
Rugs smaller than 6' x 9'	339,372	313,595	318,331	390,246	427,802	396,920	397,123
Roll goods and rugs larger than 6' x 9'	4,996,626	5,405,926	5,437,499	6,024,290	6,536,517	7,013,054	7,114,908
Artificial Grass for non-athletic surfaces	56,738	55,299	58,743	50,308	52,006	50,556	45,856
Automotive & aircraft	264,037	313,380	410,105	425,157	399,054	430,807	513,302
WOVEN	219,699	215,604	227,779	240,196	266,299	286,284	298,317
ALL OTHER	168,783	157,712	153,229	181,417	247,439	239,695	252,759
Knitted	45,901	49,925	46,858	31,698	14,392	(D)	(D)
Needlepunch	93,118	65,673	61,902	105,716	160,282	159,073	172,142
Braided, Hooked and Other N. E. C.	29,764	42,114	44,469	44,003	72,765	69,636	69,262
TOTAL INDUSTRY	6,045,255	6,461,516	6,605,686	7,311,614	7,929,117	8,417,316	8,622,265

Figures may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.
r-Revised
D-Not published for reasons of disclosure.

APPENDIX TABLE 3 — TOTAL INDUSTRY SHIPMENTS (000's Omitted)

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	319,489	+13.4	$ 1,074,526	+12.3	$ 3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,936,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	939,334	+12.6	3,636,474	+17.6	3.87	+ 4.3
1977	1,074,110	+14.3	4,298,660	+18.2	4.00	+ 3.4
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,090	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2
1982	885,811	-10.6	4,960,753	- 5.5	5.60	+ 5.7
1983	1,090,071	+23.0	6,045,255	+21.9	5.55	- 0.9
1984	1,114,920	+ 2.3	6,461,516	+ 6.9	5.80	+ 4.5
1985	1,159,155	+ 4.0	6,605,686	+ 2.2	5.70	- 1.7
1986	1,257,906	+ 8.5	7,311,614	+10.7	5.81	+ 1.9
1987	1,297,320	+ 3.1	7,929,117	+ 8.4	6.11	+ 5.2
1988[r]	1,324,003	+ 2.1	8,417,316	+ 6.2	6.36	+ 4.1
1989	1,345,458	+ 1.6	8,622,265	+ 2.4	6.41	+ 0.8

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22.

[r]Revised

APPENDIX TABLE 4 — TOTAL BROADLOOM SHIPMENTS (000's Omitted)

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	225,332	+15.5	$ 891,005	+13.2	$ 3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,986	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	789,945	+12.3	3,230,990	+17.7	4.09	+ 4.9
1977	901,173	+14.1	3,816,847	+18.1	4.24	+ 3.7
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9
1982	762,436	-10.5	4,405,176	- 5.9	5.78	+ 5.3
1983	918,562	+20.5	5,318,964	+20.7	5.79	+ 0.2
1984	940,677	+ 2.4	5,726,754	+ 7.7	6.09	+ 5.2
1985	974,823	+ 3.6	5,770,879	+ 0.8	5.92	- 2.8
1986	1,063,675	+ 9.1	6,346,492	+10.0	5.97	+ 0.8
1987	1,104,130	+ 3.8	6,869,214	+ 8.2	6.22	+ 4.2
1988[r]	1,134,369	+ 2.7	7,360,880	+ 7.2	6.49	+ 4.3
1989	1,154,241	+ 1.8	7,470,436	+ 1.5	6.47	- 0.3

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.

[r]Revised

APPENDIX TABLE 5 — CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1983	1984	1985	1986	1987	1988	1989 1st Q	1989 2nd Q	1989 3rd Q	1989 4th Q	1989 Total
Nylon BCF	734.6	770.2	815.4	881.4	916.0	938.3	225.0	233.8	243.7	229.8	932.3
Nylon Staple	815.2	751.0	773.9	837.8	905.1	901.4[f]	226.3	217.3	230.3	221.0	894.9
Polyester Staple	139.0	131.4	126.8	145.0	209.0	261.2	60.1	51.3	48.6	51.6	211.6
Polypropylene BCF & Fibrillated	147.2	154.1	202.1	215.7	244.5	266.6	69.0	63.3	60.2	57.4	249.9
Polypropylene Staple	93.6	96.5	107.4	117.2	116.2	138.2	38.5	35.1	32.9	31.2	137.7
Wool	10.7	9.9	11.7	10.2	13.2	15.4	3.7	4.5	4.4	3.3	15.9
Rayon	—	—	0.5	0.4	0	0.4	NA	NA	NA	NA	NA
TOTALS	1,940.3	1,913.1	2,037.8	2,207.7	2,404.0	2,521.5	622.6	605.3	620.1	594.3	2,442.3

Source: Textile Organon, Textile Economics Bureau

f-Includes Acrylic

NA-Not available

APPENDIX TABLE 6 — HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' × 9'

NEW PRIVATELY OWNED HOUSING UNITS STARTED — Seasonally adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1969	1,499.5	– 3.0
1970	1,469.0	– 2.0
1971	2,084.5	+41.1
1972	2,378.5	+14.1
1973	2,057.3	–13.5
1974	1,352.5	–34.3
1975	1,171.4	–13.4
1976	1,547.6	+32.1
1977	2,001.7	+29.3
1978	2,020.3	+ 0.9
1979	1,745.1	–13.6
1980	1,292.2	–26.0
1981	1,084.2	–16.1
1982	1,062.2	– 2.0
1983	1,703.0	+60.3
1984	1,749.5	+ 2.7
1985	1,741.8	– 0.4
1986	1,805.4	+ 3.7
1987	1,620.5	–10.2
1988	1,488.1	– 8.2
1989	1,376.1	– 7.5

Source: U.S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C-20-90-7.

***TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)**

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1969	455,341	+15.4
1970	502,280	+10.3
1971	558,565	+11.2
1972	734,308	+31.5
1973	809,435	+10.2
1974	756,386	– 6.5
1975	676,713	–10.5
1976	762,217	+12.6
1977	875,882	+14.9
1978	963,420	+10.0
1979	1,004,450	+ 4.3
1980	870,859	–13.3
1981	831,073	– 4.6
1982	743,280	–10.6
1983	895,337	+20.5
1984	919,726	+ 2.7
1985	953,489	+ 3.7
1986	1,043,273	+ 9.4
1987	1,083,556	+ 3.9
1988[r]	1,112,396	+ 2.7
1989	1,129,368	+ 1.5

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MA-22Q.

*Mill Shipments

APPENDIX TABLE 7 — TOTAL INDUSTRY SHIPMENTS, POPULATION, TOTAL PERSONAL INCOME

Year	Square Yards (Millions)	Population (Millions)	Square Yards Per Person	Mill Dollar Value (Millions)	Total Personal Income[1] (Billions Current $)	Dollar Shipments as % of Personal Income
1950	97.0	152.3	0.64	$ 584.1	$ 228.1	0.26
1955	138.2	165.9	0.83	612.5	314.2	0.19
1960	200.7	180.7	1.11	778.7	409.4	0.19
1970	680.5	204.9	3.32	2,215.1	831.8	0.27
1975	834.0	215.5	3.87	3,092.2	1,313.4	0.24
1980	1,058.4	226.5	4.67	4,913.8	2,258.5	0.22
1981	990.6	229.6	4.31	5,250.4	2,520.9	0.21
1982	885.8	232.0	3.82	4,960.8	2,670.8	0.19
1983	1,090.1	234.3	4.65	6,045.3	2,838.6	0.21
1984	1,114.9	236.5	4.71	6,461.5	3,101.2[r]	0.21
1985	1,159.2	238.7	4.86	6,605.7	3,317.5[r]	0.20
1986	1,257.9	241.0	5.22	7,311.6	3,007.6[r]	0.24
1987	1,297.3	243.3	5.33	7,929.1	3,754.4[r]	0.21
1988[r]	1,324.0	245.8	5.39	8,417.3[r]	4,058.7[r]	0.21
1989	1,345.5	248.2	5.42	8,622.3	4,368.1	0.20

Source: U.S. Department of Commerce, Bureau of the Census
(1): U.S. Department of Commerce, Bureau of Economic Analysis

APPENDIX TABLE 8 — BROADLOOM CARPET SHIPMENTS, HOUSEHOLDS, DISPOSABLE PERSONAL INCOME

Year	SquareYards (Millions)	Households (Thousands)	Square Yards Per Household	Mill Dollar Value (Millions)	Disposable[1] Personal Income (Billions)	Dollar Shipments as % of Disposable Income
1950	85.7	43,554	1.97	$ 536.7	$ 207.5	0.26
1955	98.3	47,874	2.05	520.9	278.8	0.19
1960	148.2	52,799	2.81	667.1	358.9	0.19
1970	536.4	63,401	8.46	1,908.4	715.6	0.27
1975	703.4	71,120	9.89	2,744.2	1,142.8	0.24
1980	898.0	80,776	11.12	4,331.5	1,918.0	0.23
1981	852.0	82,368	10.34	4,680.4	2,127.6	0.22
1982	762.4	83,527	9.13	4,405.2	2,261.4	0.19
1983	918.6	83,918	10.95	5,319.0	2,428.1	0.22
1984	940.7	85,407	11.01	5,726.8	2,662.1[r]	0.22
1985	974.8	86,789	11.23	5,770.9	2,832.1[r]	0.20
1986	1,063.7	88,458	12.02	6,346.5	3,519.4[r]	0.18
1987	1,071.4	90,031	11.90	6,869.2	3,184.0[r]	0.22
1988[r]	1,134.4	91,538	12.39	7,360.9[r]	3,468.3[r]	0.21
1989	1,154.2	92,917	12.42	7,470.4	3,710.7	0.20

Source: U.S. Department of Commerce, Bureau of the Census
(1): U.S. Department of Commerce, Bureau of Economic Analysis

APPENDIX TABLE 9 — CARPET/RUG EXPORTS (000's Omitted)

Year	Sq. Yds.	% Inc. or Dec.	Dollars*	% Inc. or Dec.
1975	20,895	—	$ 86,173	—
1976	24,630	+17.9	102,456	+18.9
1977	23,865	- 3.1	105,786	+ 3.3
1978	31,763	+33.1	147,322	+39.3
1979	43,763	+37.8	212,272	+44.1
1980	68,617	+56.8	320,281	+50.9
1981	60,460	-11.9	335,172	+ 4.6
1982	50,265	-16.9	286,182	-14.6
1983	48,342	- 3.8	264,092	- 7.7
1984	36,029	-25.5	216,412	-18.1
1985	24,767	-31.3	165,108	-23.7
1986	29,866	+20.6	181,151	+ 9.7
1987	41,950	+40.5	216,588	+19.6
1988	65,812	+56.9	331,570	+53.1
1989	67,729	+ 2.9	383,188	+15.7

Source: U.S. Department of Commerce, Bureau of the Census, EM 522 and 526. Excludes Underlayment.

*F.A.S. Country of Origin - not including freight and duty cost.

CARPET/RUG IMPORTS (000's Omitted)

Year	Sq. Yds.	% Inc. or Dec.	Dollars**	% Inc. or Dec.
1975	10,751	—	$ 87,292	—
1976	13,988	+30.1	119,705	+37.1
1977	13,871	- 0.8	146,319	+22.2
1978	15,032	+ 8.4	189,846	+29.7
1979	14,151	- 5.9	199,752	+ 5.2
1980	13,798	- 2.5	276,311	+38.3
1981	14,151	+ 2.6	299,226	+ 8.3
1982	17,122	+21.0	267,594	-10.6
1983	23,813	+39.1	317,264	+18.6
1984	37,961	+54.4	458,936	+44.7
1985	51,764	+36.4	510,356	+11.2
1986	48,525	- 6.3	585,831	+14.8
1987	42,925	-11.5	655,047	+11.8
1988	42,413	- 1.2	576,414	-12.0
1989	74,755	+76.3	612,919	+ 6.3

Source: U.S. Department of Commerce, Bureau of the Census, IM 145 and 146. Excludes Underlayment.

**C.I.F. values (cost, insurance and freight)

NOTE: 1989 Export and Import data reflects the implementation of the New Standardized International Codes directory affecting reporting categories in the Harmonized Tariff Schedule of the United States Annotated.

APPENDIX TABLE 10 — CARPET/TOTAL TEXTILE BALANCE OF TRADE (000's Omitted)

PERIOD	CARPET IMPORTS	CARPET EXPORTS	BALANCE OF CARPET TRADE	TEXTILES IMPORTS	TEXTILES EXPORTS	BALANCE OF TEXTILE TRADE*
1975	$ 87,292	$ 86,173	- 1.29%	$ 1,336	$ 1,625	+21.63%
1976	119,705	102,456	-14.41%	1,791	1,970	+09.99%
1977	146,319	105,786	-27.71%	1,939	1,959	+01.03%
1978	189,846	147,322	-22.40%	2,400	2,225	-07.29%
1979	199,752	212,272	+ 6.26%	2,399	3,189	+32.93%
1980	276,311	320,281	+15.91%	2,676	3,632	+35.73%
1981	299,226	335,172	+12.01%	3,250	3,619	+11.35%
1982	267,594	286,182	+ 6.95%	3,000	2,784	-07.20%
1983	317,264	264,092	-16.76%	3,460	2,368	-31.56%
1984	458,936	216,412	-52.84%	4,874	2,382	-51.13%
1985	510,356	165,108	-67.65%	5,274	2,366	-55.14%
1986	585,831	181,151	-69.08%	6,151	2,570	-58.22%
1987	655,047	216,588	-66.94%	6,918	2,900	-58.08%
1988r	576,414	331,570	-42.48%	6,748	3,651	-45.90%
1989	612,919	383,188	-37.48%	6,417	3,897	-39.27%

*Textiles include all yarns, carpet, rugs, and fabrics. F.A.S. values for Exports and C.I.F. values for Imports.
Sources: U.S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, EM 546, FT 135, FT 140 and FT 990.

APPENDIX TABLE 11 — 1989 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		FELT TILE & CARPET		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars
Andorra	0	0	0	0	0	0	0	0	0	2	0	2
Anguilla	4	24	0	0	0	2	1	4	1	5	6	35
Antiqua	55	257	1	6	4	41	1	9	2	16	63	330
Argentina	0	0	0	0	0	0	1	13	0	0	1	13
Aruba	45	222	8	20	7	60	11	75	4	75	75	452
Australia	701	4,216	13	89	3	31	133	1,196	443	1,073	1,293	6,605
Austria	5	62	1	10	35	450	8	63	3	33	52	618
Bahamas	38	255	26	143	107	631	78	1,023	48	557	297	2,609
Bahrain	545	2,976	1	3	221	1,549	11	112	1	2	779	4,642
Bangladesh	43	212	0	0	0	0	0	0	0	0	43	212
Barbados	90	438	0	2	12	80	11	71	16	136	129	727
Belgium	45	228	0	0	9	119	26	247	20	223	100	817
Belize	8	60	0	0	0	3	5	19	0	4	13	86
Benin	4	10	0	0	0	0	0	0	0	0	4	10
Bermuda	76	523	10	59	26	156	48	331	40	359	200	1,428
Bolivia	11	52	3	15	12	83	31	134	0	0	57	284
Brazil	15	22	11	61	23	346	11	104	4	52	64	585
Brunei	21	105	0	0	0	0	0	0	0	0	21	105
Cameroon	0	0	1	5	0	0	0	0	0	0	1	5
Canada	7,548	45,423	591	2,529	1,157	7,103	434	2,600	1,958	9,637	11,688	67,292
Cayman Islands	2	17	0	10	4	25	41	887	1	3	48	932
Chile	141	524	11	60	10	67	27	215	209	443	398	1,309
China (Mainland)	242	1,633	17	195	6	33	15	146	7	23	287	2,030
China (Taiwan)	846	4,790	28	176	152	1,202	98	779	705	1,213	1,829	8,160
Colombia	26	149	2	12	44	276	8	111	43	390	123	938
Cook Islands	0	0	0	0	0	0	0	4	0	0	0	4
Costa Rica	41	250	6	35	4	55	10	32	11	56	72	428
Cyprus	213	1,083	0	0	15	83	7	68	7	69	242	1,303
Czechslovakia	0	0	0	0	0	0	2	13	0	0	2	13
Denmark	23	152	16	87	13	84	9	66	0	0	61	389
Dominican Republic	35	123	10	18	3	17	34	290	18	92	100	540
Ecuador	9	53	0	4	0	0	17	109	6	14	32	180
El Salvador	3	9	11	63	0	0	2	7	8	21	24	100
Equatorial Guinea	2	11	0	0	0	0	0	0	0	0	2	11
Federation of Micronesia	1	8	0	0	0	0	0	0	0	0	1	8
Fiji	0	0	0	0	0	3	5	34	0	0	6	37
Finland	0	16	0	0	0	0	12	93	11	518	23	627
France	66	338	6	38	45	439	8	87	38	446	163	1,348
Gabon	0	0	0	0	0	0	0	2	0	0	0	2
Gambia	0	0	0	0	10	64	0	0	0	0	10	64
Germany	677	4,023	83	976	349	4,204	141	1,597	220	1,917	1,470	12,717
Ghana	18	92	0	0	0	0	1	8	0	0	19	100
Greece	220	1,266	0	0	20	184	4	41	38	96	282	1,587
Granada	9	47	0	0	0	0	1	4	0	2	10	53
Guatemala	42	296	0	0	21	111	12	68	37	71	112	546
Guinea	0	0	2	14	0	0	0	0	1	15	3	29
Guyana	5	48	1	9	0	0	3	13	0	0	9	70
Haiti	0	0	1	4	5	18	0	2	3	26	9	50
Honduras	7	35	3	14	7	156	8	82	3	14	28	201
Hong Kong	1,937	10,808	67	420	267	1,867	296	2,653	470	1,189	3,037	16,937
Iceland	20	140	0	0	1	17	6	43	6	30	33	230
India	112	558	0	2	7	10	0	0	0	0	119	570
Indonesia	30	196	0	0	0	0	0	0	18	30	48	226
Iraq	29	157	0	0	0	0	0	0	1	8	30	165
Ireland	5	23	0	0	0	3	16	151	0	2	21	179
Israel	411	2,204	1	4	31	195	0	4	0	4	443	2,411
Italy	48	228	21	326	12	147	17	205	11	205	109	1,111
Jamaica	109	595	64	384	66	466	70	500	48	251	357	2,196
Japan	4,208	26,671	500	4,444	814	9,062	892	5,577	1,123	9,310	7,537	55,064
Jordan	254	1,473	18	27	31	84	3	30	0	0	306	1,614
Kenya	1	19	0	0	0	0	0	0	0	0	1	19
Korea	382	2,130	21	115	31	262	77	573	201	379	712	3,459
Kuwait	1,026	5,253	25	85	347	1,922	4	47	6	71	1,408	7,378
Lebanon	79	456	10	56	0	12	32	143	0	0	121	667
Liberia	67	297	0	0	6	39	14	90	1	8	88	434

Country of Destination	TUFTED		FELT TILE & CARPET		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars
Luxemburg	0	0	0	0	0	0	0	4	0	0	0	4
Malaysia	151	1,137	11	79	6	38	22	203	46	104	236	1,561
Malta	9	139	4	8	0	0	0	0	0	0	13	147
Marshall Islands	1	6	0	0	0	0	0	2	0	0	1	8
Mexico	2,443	11,842	470	2,055	999	3,025	927	6,950	359	3,250	5,198	27,122
Morocco	0	0	0	0	0	13	4	145	0	3	4	161
Nepal	2	12	0	0	0	0	0	0	0	0	2	12
Netherlands	780	3,828	12	59	79	671	48	513	300	1,076	1,219	6,147
Netherlands Antilles	146	583	0	0	22	146	12	118	6	62	185	909
New Caladonia	4	6	0	0	0	0	0	0	0	0	4	6
New Zealand	83	278	1	4	5	30	5	101	89	146	183	559
Nigeria	18	76	1	8	0	0	0	0	0	0	19	84
Norway	77	339	0	0	0	3	1	3	0	0	78	345
Oman	238	991	5	10	67	314	0	0	11	137	321	1,452
Pakistan	2	32	0	0	0	0	0	0	8	133	10	164
Palau	1	4	0	0	0	0	0	0	0	0	1	4
Panama	98	461	15	81	60	327	71	497	10	149	254	1,515
Paraguay	3	14	3	14	21	215	1	11	26	345	54	599
Peru	0	0	0	0	0	0	1	12	7	9	8	21
Philippines	31	166	62	373	25	45	18	206	104	358	240	1,148
Polynesia (French)	7	20	0	0	1	8	3	24	0	4	11	56
Portugal	0	0	2	9	0	2	0	0	0	0	2	11
Qatar	507	2,710	0	0	282	1,593	0	0	8	9	797	4,312
Romania	0	0	0	0	0	2	0	0	0	0	0	2
Saudi Arabia	8,086	36,460	178	899	1,015	5,494	454	1,798	573	2,289	10,306	46,940
Senegal	0	0	0	0	1	22	0	0	0	0	1	22
Singapore	1,895	10,777	59	328	151	965	298	2,348	219	1,027	2,622	15,445
South Africa (Republic of)	84	474	4	12	11	225	33	104	71	149	203	964
Spain	22	69	0	0	10	214	1	14	16	188	55	485
Sri Lanka	8	52	0	0	0	0	0	0	0	0	8	52
St. Christopher-Nevis	7	33	0	3	2	14	8	39	2	4	19	93
St. Lucia	31	175	0	0	4	29	2	11	12	11	49	226
St. Vincent	8	46	0	0	0	0	0	2	0	0	8	48
Surinam	0	7	0	0	0	0	3	8	0	0	3	15
Sweden	113	399	15	77	15	172	66	352	45	639	254	1,639
Switzerland	35	259	4	23	122	1,819	85	927	44	460	290	3,488
Thailand	0	0	0	0	1	25	30	103	165	229	196	357
Togo	10	26	0	0	0	0	0	0	0	0	10	26
Trinidad	88	352	1	6	5	31	70	380	45	109	209	878
Turkey	2	10	0	0	0	3	0	0	0	0	2	13
Turk Islands	0	2	0	0	0	0	0	0	0	0	0	2
Uganda	0	0	1	5	0	0	0	0	0	0	1	5
United Arab Emirates	2,915	14,533	36	104	544	3,860	91	252	76	342	3,662	19,091
United Kingdom	5,121	23,217	351	2,626	202	1,501	299	2,773	264	2,671	6,237	32,788
Uruguay	34	162	0	0	0	2	9	64	2	19	45	247
USSR	0	0	1	3	1	8	1	5	0	0	3	16
Venezuela	18	95	0	0	3	77	5	111	12	94	38	377
Virgin Islands (British)	17	88	0	0	1	9	4	41	1	16	23	154
Yemen (S)	14	88	0	0	0	0	0	14	0	0	14	102
Yugoslavia	0	0	0	0	0	0	2	15	0	0	2	15
Zaire	1	7	0	0	0	0	0	0	0	0	1	7
Zambia	0	0	0	0	0	0	6	41	0	0	6	41
Zimbabwee	0	7	0	0	0	0	0	0	0	0	0	7
TOTALS	**43,711***	**$231,240***	**2,826**	**$ 17,296**	**7,598**	**$ 52,563**	**5,282**	**$ 38,966**	**8,312**	**$ 43,122**	**66,726***	**$383,183***

*Does not add due to rounding

Source: U.S. Department of Commerce, Bureau of the Census, EM546

Note: Dollar Value reported F.A.S. country of origin - not including freight and duty cost. Data exclude underlayment.

APPENDIX TABLE 12 — 1989 IMPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Origin	TUFTED		FELT TILE & CARPET		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sp.Yds.	Dollars	Sp.Yds.	Dollars	Sq.Yds.	Dollars
Afghanistan	0	1	0	0	25	477	0	10	0	5	25	493
Argentina	0	0	0	0	0	0	0	0	0	8	0	8
Australia	55	1,056	0	0	2	52	5	158	1	24	63	1,290
Austria	2	19	0	0	6	149	8	83	3	45	19	296
Bangladesh	0	0	0	0	0	0	236	811	1	4	237	815
Belgium	3,499	12,640	2,382	4,251	123	1,204	6,208	55,680	386	1,739	12,598	75,514
Bermuda	0	0	0	0	0	0	0	2	0	4	0	6
Bolivia	1	1	0	0	1	8	0	0	1	15	2	24
Botswana	0	0	0	0	1	19	0	0	0	0	1	19
Brazil	29	78	2	14	8	17	134	567	0	3	173	679
Bulgaria	0	0	0	0	0	6	0	0	0	0	0	6
Burma	0	0	0	0	0	0	5	29	0	0	5	29
Canada	13,840	45,335	743	2,338	4	112	102	780	152	1,701	14,841	50,266
Chile	0	0	0	0	0	1	0	0	0	0	0	1
China (Mainland)	615	13,475	0	0	1,543	87,072	107	3,869	138	3,844	2,403	108,260
China (Taiwan)	2	25	0	0	5	149	5	35	87	156	99	365
Colombia	0	0	0	0	0	3	0	0	0	0	0	3
Costa Rica	0	0	0	0	0	0	0	0	0	1	0	1
Cyprus	0	0	0	0	0	2	0	0	0	0	0	2
Czechoslovakia	0	1	0	0	0	0	1	6	0	0	1	7
Denmark	52	593	1	6	25	316	77	2,072	15	171	170	3,158
Dominican Republic	0	0	0	0	0	0	0	5	0	3	0	8
Ecuador	0	3	0	0	0	14	0	1	0	2	0	20
Egypt	0	0	0	0	20	346	62	542	11	136	93	1,024
El Salvador	0	0	0	0	0	0	18	37	0	0	18	37
Finland	0	0	0	0	12	71	2	54	3	63	17	188
France	3	191	1	4	9	546	42	1,604	27	302	82	2,647
Germany	109	1,466	22	176	36	452	207	1,678	121	1,596	495	5,368
Ghana	0	0	0	0	0	0	0	2	0	0	0	2
Greece	86	815	0	0	2	44	183	695	6	62	277	1,616
Guatemala	0	0	0	0	9	32	0	1	1	6	10	39
Guinea	0	0	0	0	0	2	0	0	0	0	0	2
Haiti	1	20	0	0	4	41	0	2	61	157	66	220
Hong Kong	28	2,347	0	0	41	946	8	78	98	130	175	3,501
Hungary	0	0	0	0	2	63	12	131	2	46	16	240
India	5	147	0	2	2,645	90,485	644	6,294	21,200	40,908	24,494	137,836
Indonesia	0	0	0	0	1	35	0	7	3	42	4	84
Iran	0	0	0	0	23	3,176	2	86	0	28	25	3,290
Iraq	0	0	0	0	2	39	0	0	0	6	2	45
Ireland	2	77	0	0	9	90	1,051	9,081	288	1,835	1,350	11,083
Israel	5	80	0	0	18	597	0	11	0	7	23	695
Italy	7	147	0	1	1	124	4,068	5,010	35	199	4,111	5,481
Ivory Coast	0	0	0	0	0	8	0	0	0	0	0	8
Japan	65	1,753	1	11	3	86	126	984	1,718	10,191	1,913	13,025
Jordan	0	0	0	0	0	8	0	0	0	0	0	8
Kenya	0	0	0	0	0	1	0	0	0	0	0	1
Korea	37	551	0	0	154	2,093	56	832	76	645	323	4,121
Lebanon	0	0	0	0	0	1	13	223	0	0	13	224

Country of Origin	TUFTED		FELT TILE & CARPET		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars	Sq.Yds.	Dollars
Macao	0	0	0	0	0	0	1	1	0	0	1	1
Mali	0	0	0	0	0	1	0	0	0	0	0	1
Mauritania	0	0	0	0	2	118	0	8	0	0	2	126
Mexico	1,056	8,280	283	367	443	1,649	298	1,101	270	1,335	2,350	12,732
Monaco	0	0	0	0	0	14	0	1	0	0	0	15
Morocco	0	6	0	0	17	245	7	55	11	73	35	379
Nepal	0	8	0	0	36	2,434	0	2	0	18	36	2,462
Netherlands Antilles	576	4,894	364	1,658	4	50	160	3,110	230	1,285	1,334	10,997
New Zealand	74	1,145	0	0	1	23	24	809	6	3	105	1,980
Nigeria	3	46	0	0	0	1	0	3	0	0	3	50
Norway	0	0	0	0	0	1	1	6	42	30	43	37
Oman	0	0	0	0	0	0	0	1	0	0	0	1
Pakistan	0	0	0	0	1,128	58,272	719	766	60	368	1,907	59,406
Panama	0	0	0	0	0	2	0	0	0	0	0	2
Peru	0	0	0	0	1	9	0	0	0	3	1	12
Philippines	36	1,825	0	0	33	900	37	857	1	10	107	3,592
Poland	0	0	0	0	0	10	0	17	0	0	0	27
Portugal	1	73	0	0	45	1,135	97	1,185	147	893	290	3,286
Romania	0	0	0	0	68	3,436	7	62	2	64	77	3,562
Saudi Arabia	0	1	0	0	0	6	2	10	0	3	2	20
Singapore	1	112	0	0	2	53	1	95	0	7	4	267
South Africa (Republic of)	0	0	0	0	0	1	0	0	0	0	0	1
Spain	38	517	0	0	15	167	1,055	11,532	21	360	1,129	12,576
Sri Lanka	0	0	0	0	0	0	10	53	9	61	19	114
Swaziland	0	0	0	0	0	12	0	0	1	26	1	38
Sweden	12	35	4	54	0	2	86	151	1	24	103	266
Switzerland	62	1,124	0	1	5	397	80	3,081	3	118	150	4,721
Thailand	79	2,876	8	22	11	363	18	435	3	35	119	3,731
Tokelau	0	0	0	0	5	283	0	0	0	0	5	283
Tunisia	0	1	0	0	8	179	0	0	7	51	15	231
Turkey	0	36	0	0	463	18,466	99	1,140	263	1,139	825	20,781
U.S.S.R.	0	0	0	0	5	274	0	2	0	1	5	277
United Arab Emirates	0	7	0	0	0	1	0	0	0	4	0	12
United Kingdom	168	2,255	8	26	31	740	1,622	34,872	88	773	1,917	38,666
Uruguay	0	0	0	0	0	0	0	2	0	0	0	2
Vatican City	0	0	2	22	0	0	0	0	0	0	2	22
Venezuela	7	43	2	27	11	2	0	0	0	0	20	72
Yugoslavia	2	68	0	0	1	22	0	1	1	25	4	116
TOTALS	**20,557***	**$104,174***	**3,823**	**$ 8,980**	**7,069**	**$278,155**	**17,706**	**$150,818**	**25,601***	**$ 70,793**	**74,755**	**$612,919**

*Does not add due to rounding.

Source: U.S Department of Commerce, Bureau of the Census, IM 146.

Note: Dollar value reported F.O.B. country of origin — not including freight and duty costs. All data exclude underlayment.